

NPIC/TDS/P-234-67  
9 March 1967

MEMORANDUM FOR: Members, Multisensor Working Group, NPIC

SUBJECT: The Seventeenth Meeting of the Multisensor Working Group

1. The seventeenth meeting of the Multisensor Working Group was held on 28 February at 1000 hours in the Auditorium of the NPIC. As each member was allowed to bring three visitors, approximately thirty-five people attended. Members present were:

<u>Name</u>	<u>Division</u>	<u>Position</u>
<div>25X1A</div> <div></div>	TDS	Chairman
	TDS	Alternate Chairman
	TID	Secretary and TID Member
	TID	Alternate
	SS	Member
	SS	Alternate
	PAG	Alternate
	TDS	Member
	IAS	Member
	COPE	Member
	PD	Member
	DIA	Member
	CSD	Member
	IPD	Member
OS	Member	
OSP/DDS&T	Observer	

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4. [REDACTED] then gave a comprehensive report on the 14 studies being conducted under the [REDACTED] program. He indicated that the majority of these programs are still being worked on and four studies are now available. They are:

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a. [REDACTED] Report No. 1, Model Comparison of SO-362 and 3404 films.

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b. [REDACTED] Report No. 3, Vol. 1, Preliminary Analysis of

[REDACTED]

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c. [REDACTED] Report No. 3, Preliminary Analysis of Orbital

[REDACTED] Addendum to Vol. 1.

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d. [REDACTED] Report No. 4, Flight No. 1 Evaluation of SO-121 at Low Solar Altitudes.

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5. [REDACTED] arrived during the [REDACTED] briefing and was introduced to the Multisensor Working Group immediately after Mr. [REDACTED] talk. [REDACTED] outlined the three major requirements given to his group:

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a. Write manuals and produce keys on all sensors that will become operational. Considerable work has already been accomplished in the AN/APQ-102, the AAS-18, and the RS-10 instruments.

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b. Evaluate operational systems. He has the responsibility of determining the worth of new sensors in collecting information for the Air Force. All sensors are given the "Underbrush" test at Eglin AFB, where they are evaluated on their ability to image military equipment camouflaged in an underbrush area. Efforts toward improving equipment was evident, as [REDACTED] mentioned that the Air Force is considering replacing the old TV systems in their [REDACTED] project with new two-milliradian TV's being produced by [REDACTED]. Magnetic tape recordings are also being taken in the [REDACTED] aircraft to enhance imagery and for further ground analysis. He also stated that they have recently successfully completed evaluating their [REDACTED] program, which involves the [REDACTED]

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[ ] They are presently evaluating their [ ] program. This involves placing in a C-123 aircraft a forward looking radar and [ ] and a low light-level TV arrangement.

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c. Develop equipment to bridge the gap between system technology and data handling or readout. This includes analyzing change detection devices, filtration, data link methods, etc. Pertinent to the requirement, [ ] outlined the methods of acquiring imagery in Viet Nam. He demonstrated how data link methods would save some time and how inflight interpretation by a navigator/interpreter could greatly assist in reducing time between acquisition and strike. However, the interpreter must be sufficiently motivated and equipment reliable enough to eliminate the greater majority of "false alarms" now being experienced. One of the major difficulties with inflight interpretation is the necessity to immediately pick out valid returns from false alarms. A confidence level above that now achieved must be evident before inflight interpretation will become prevalent.

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6. [ ] briefing was extremely beneficial and timely. It emphatically presented the efficient planning procedures the Air Force has promulgated and re-emphasized the importance the Air Force places on multisensor collection systems.

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7. The Chairman of the Multisensor Working Group thanked Mr. [ ] for his excellent presentation and indicated that he hoped for continued close liaison between the NPIC and [ ] Mr. [ ] also mentioned to the Multisensor Working Group that he is trying to set up a trip sometime in April to [ ] He hopes that the Agency plane can be used and feels that the trip should be a two-day effort. There the [ ] program will be reviewed and some of [ ] research in additive color processes can be studied.

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8. Addenda to this report include a trip report written by CSD personnel on the trip to [ ] and a copy of a letter to [ ] thanking him for the briefing. Also included is a short resume of the critiques sent to the Secretary of the Multisensor Working Group concerning the sensors report put out by [ ]

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9. Members will be notified as soon as a date has been determined for the next Multisensor Working Group meeting.

10. Minutes of this meeting were prepared by [ ] Secretary of the Multisensor Working Group.

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[ ]

Chairman, Multisensor Working Group, NPIC

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Attachments:

As stated above

Distribution:

Orig. & 19 -- Addressees

2 -- TDS/TPS